

1/22

6625454

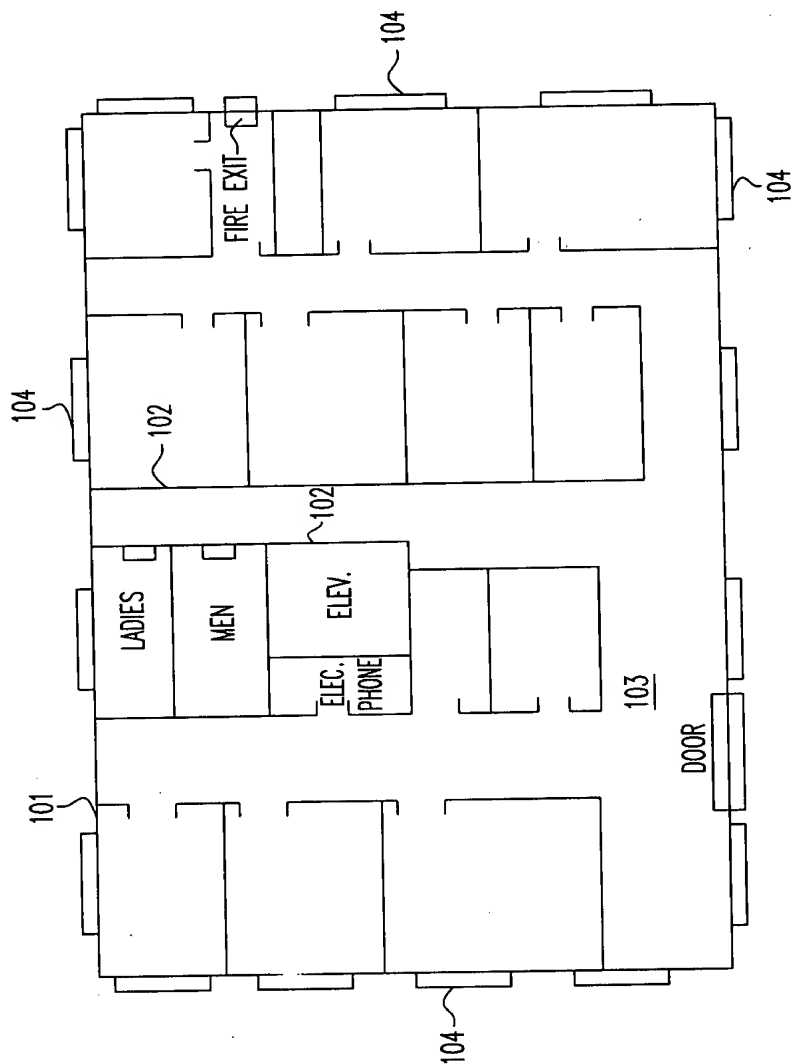
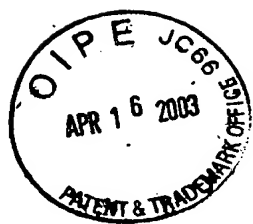
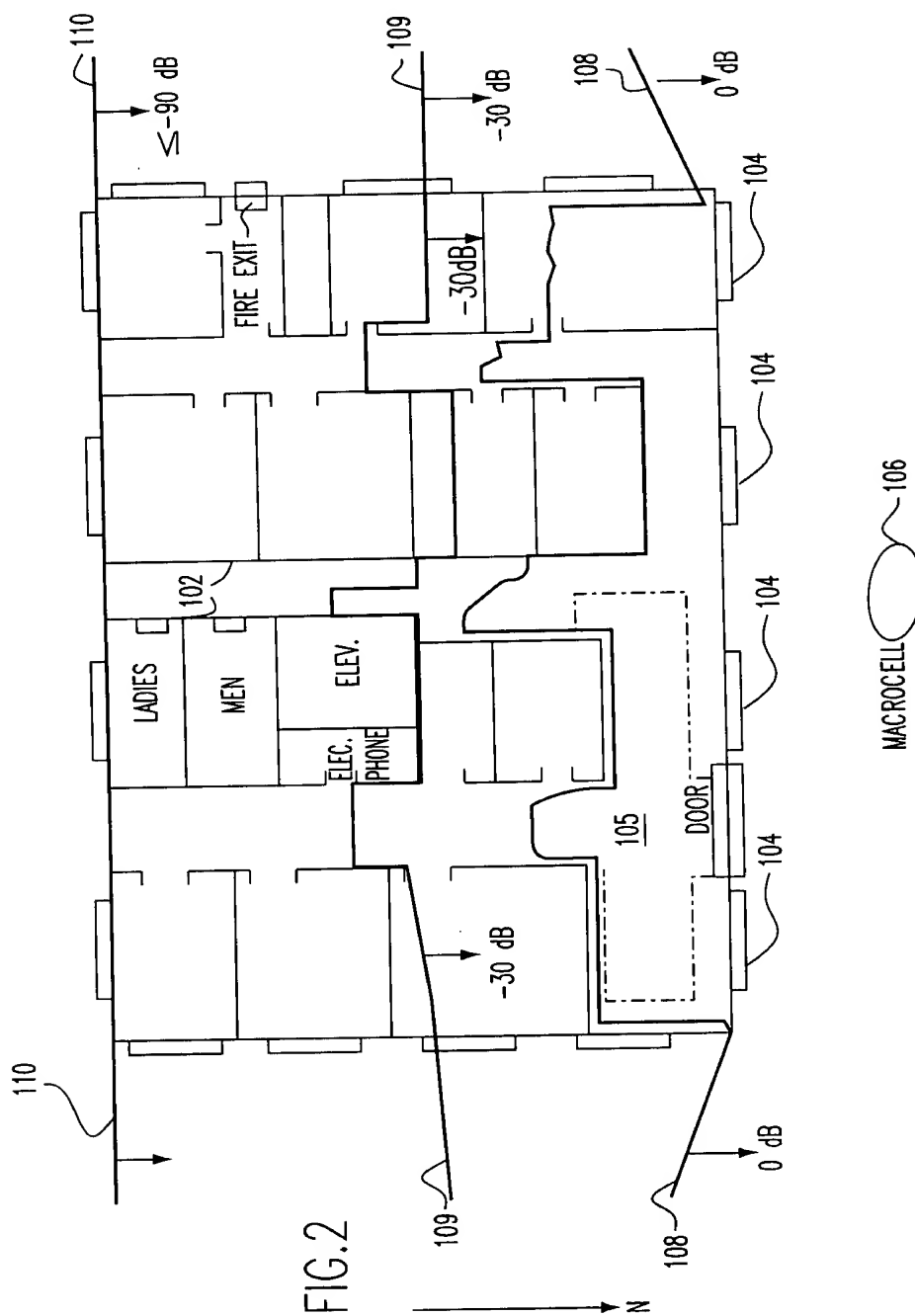


FIG. 1





2/22



3/22

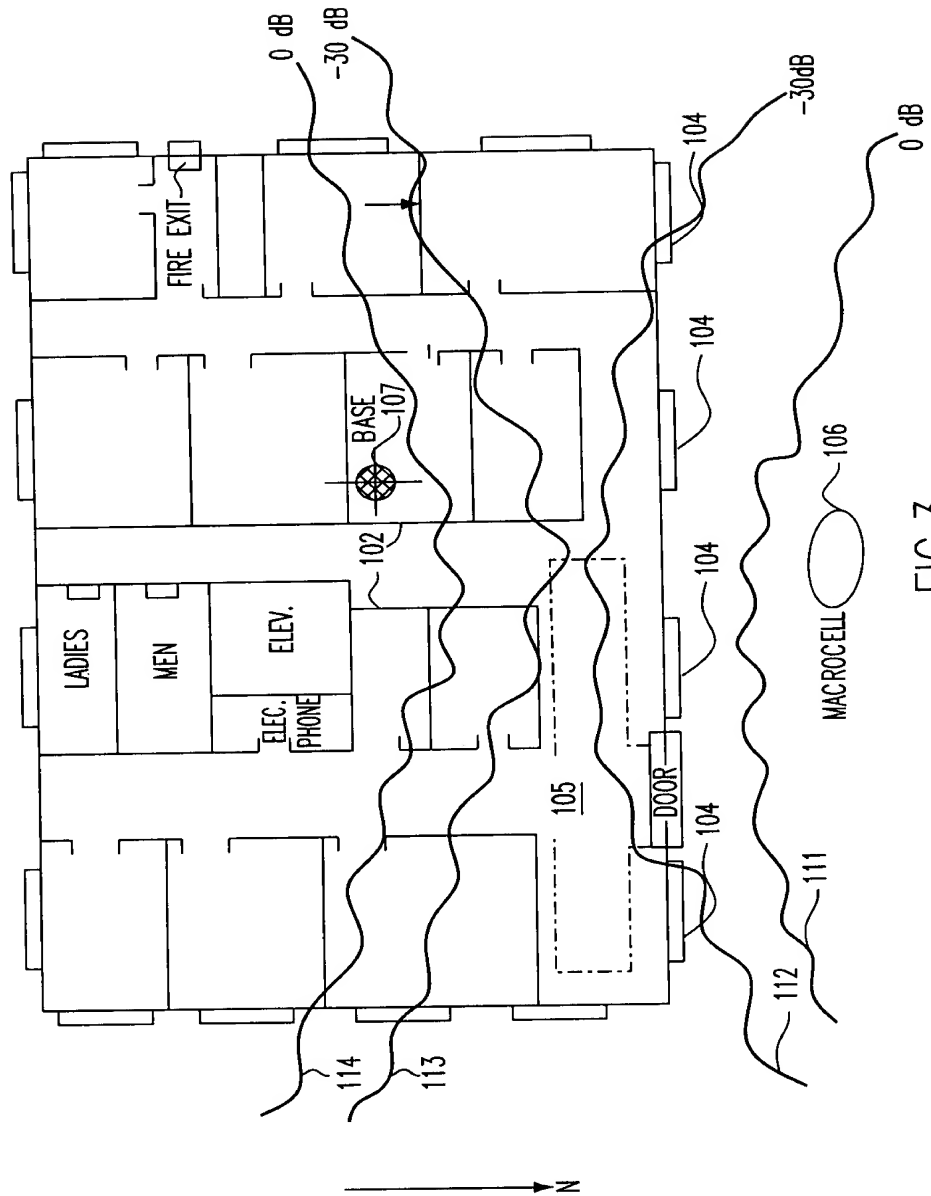


FIG.3

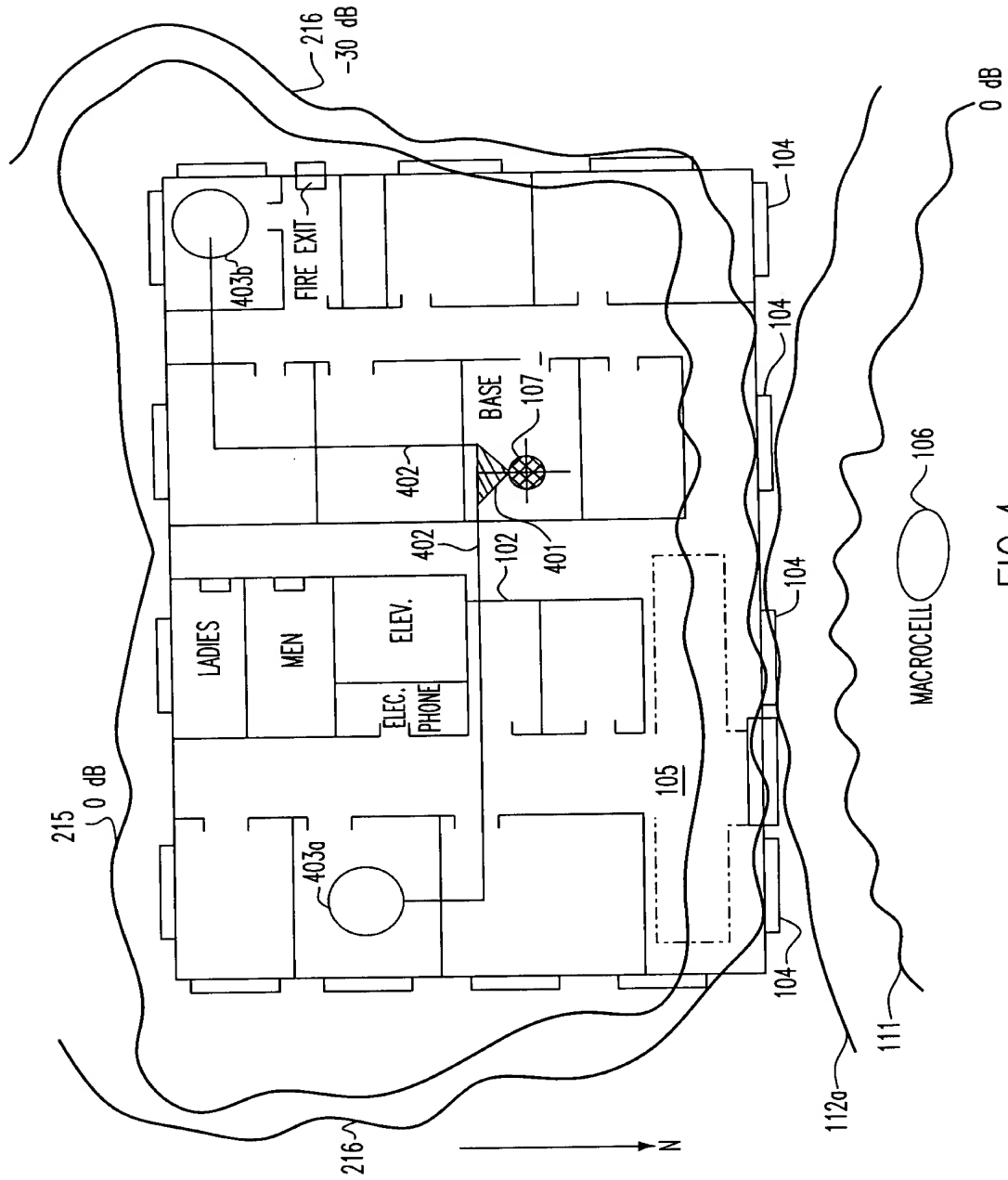


FIG.4

5/22

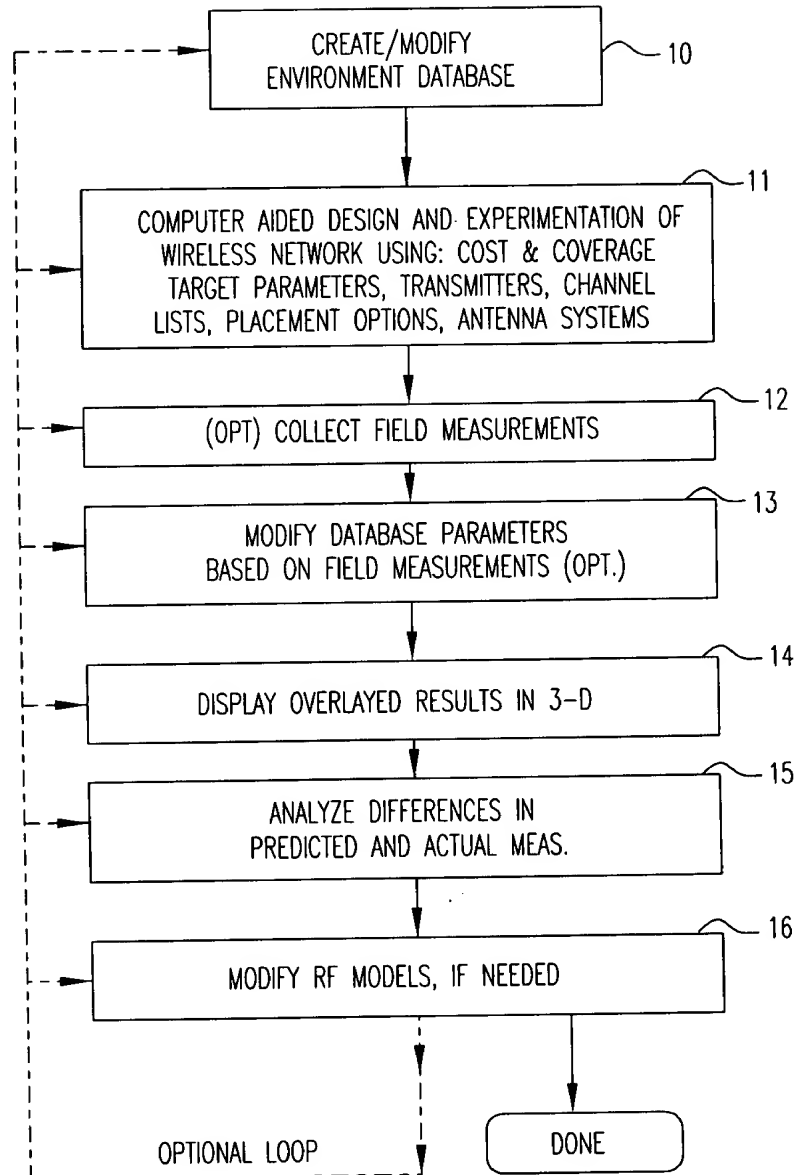
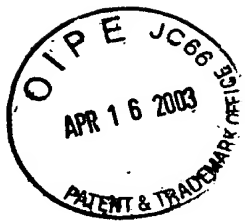


FIG.5



6/22

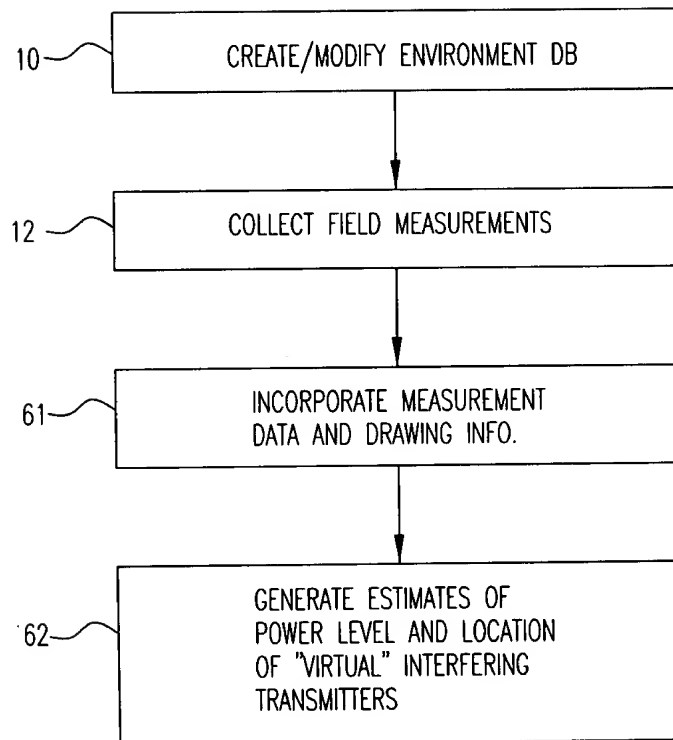
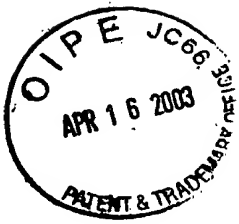


FIG.6



7/22

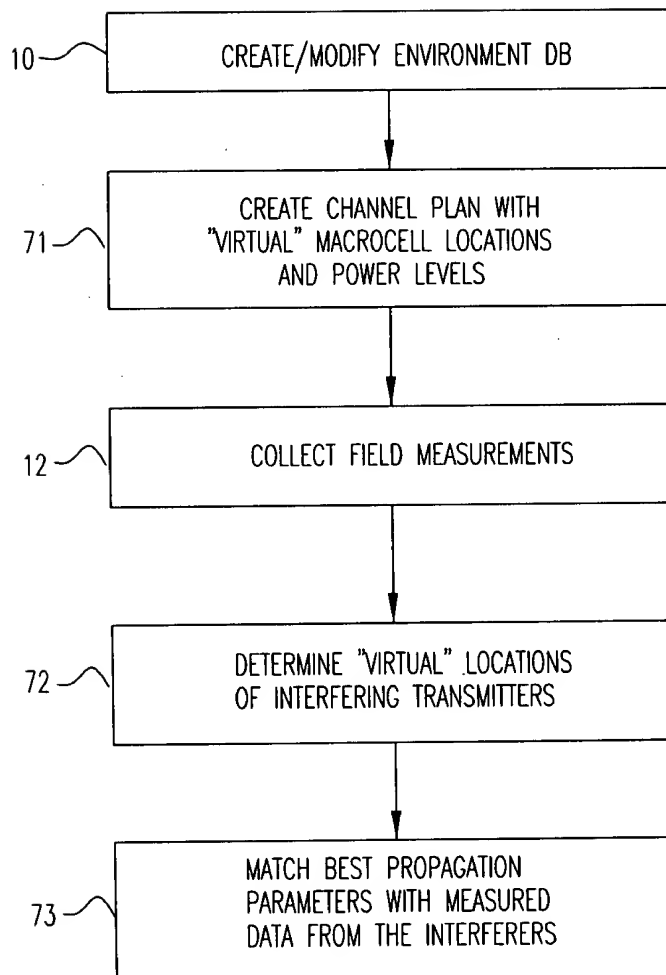
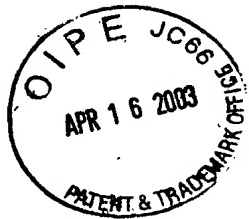


FIG.7



8/22

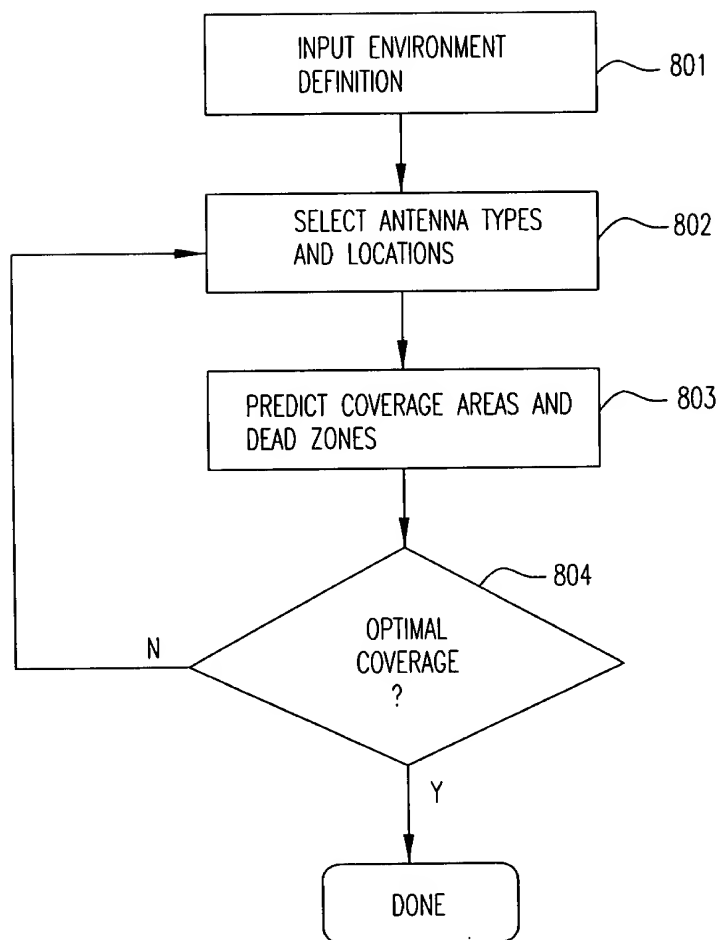


FIG.8



9/22

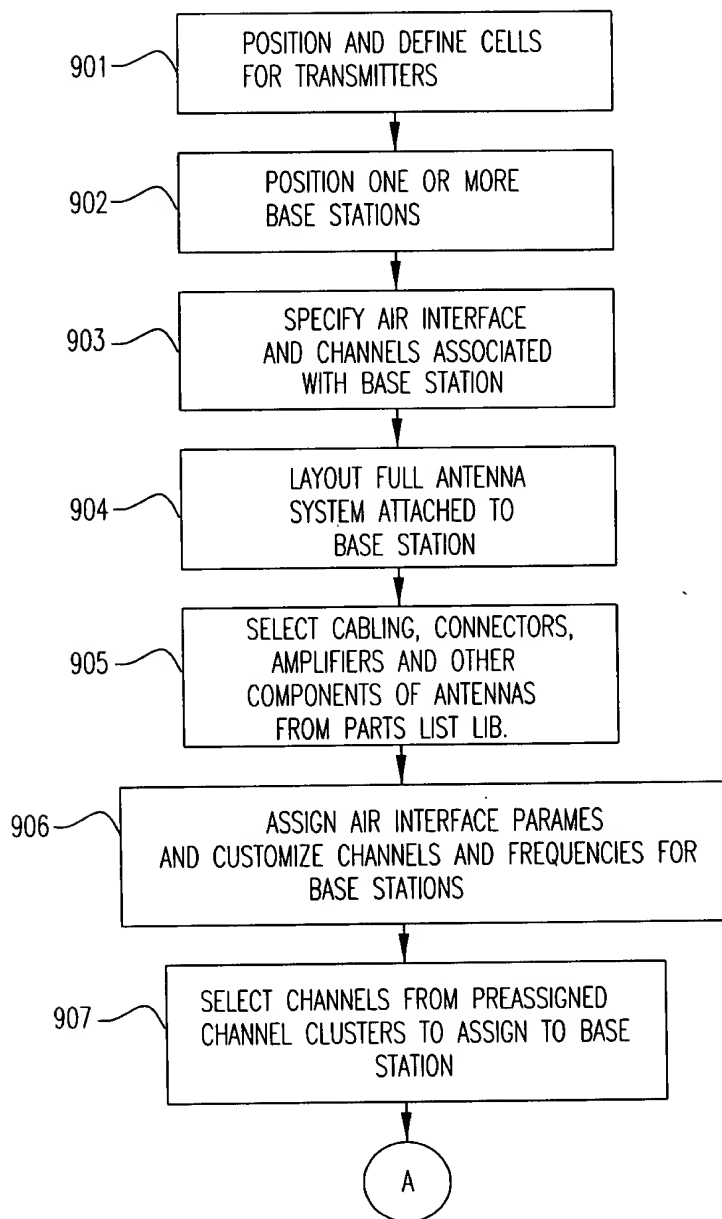


FIG.9A

10/22

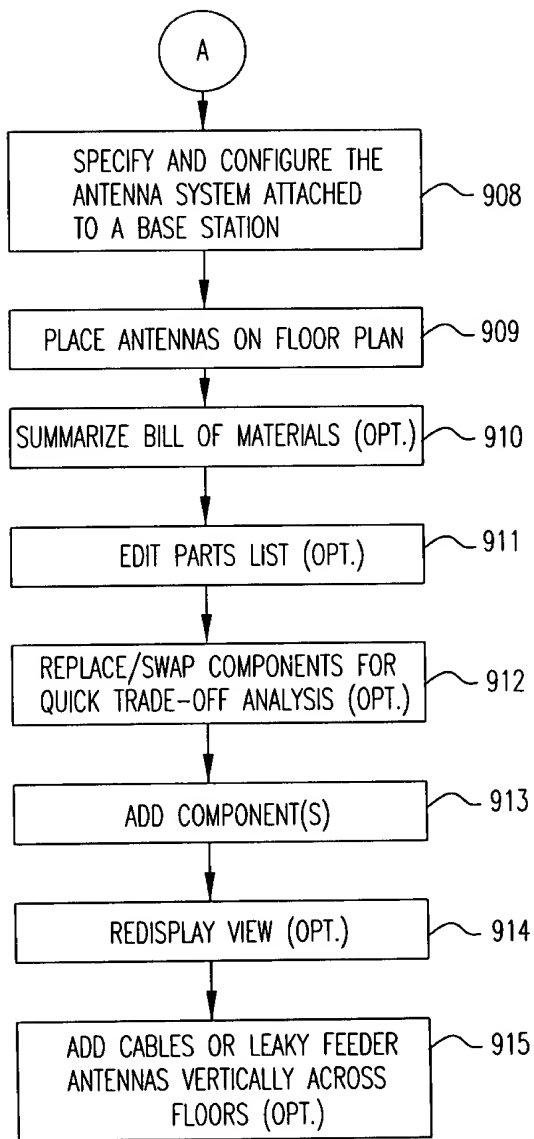


FIG.9B

11/22

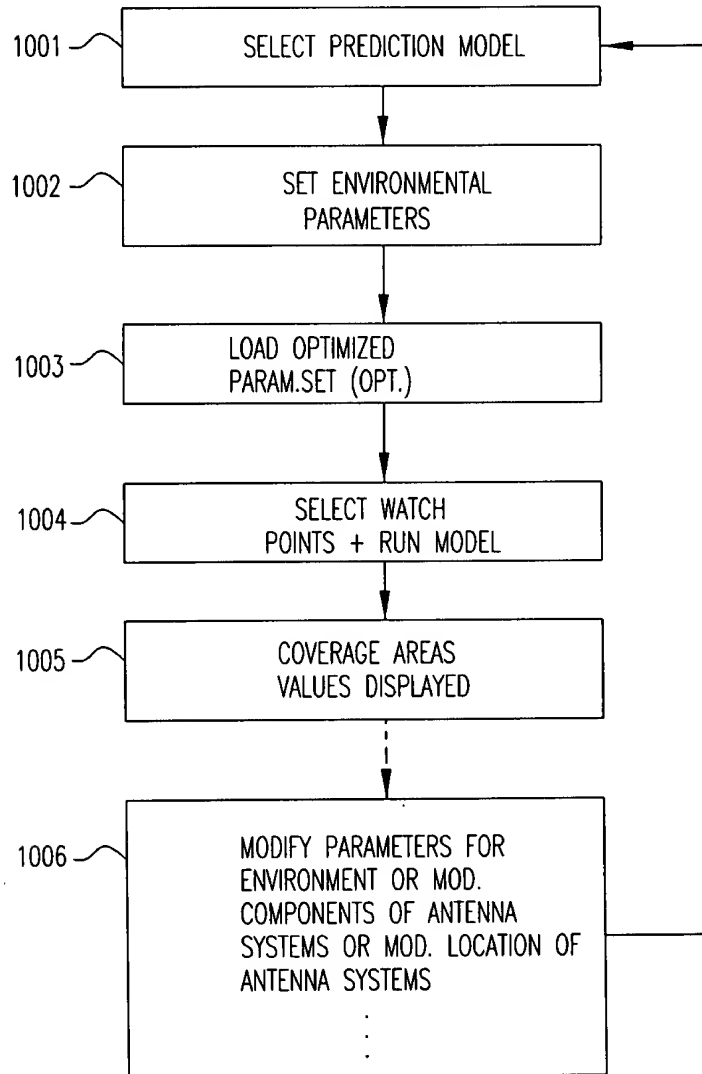


FIG.10

12/19

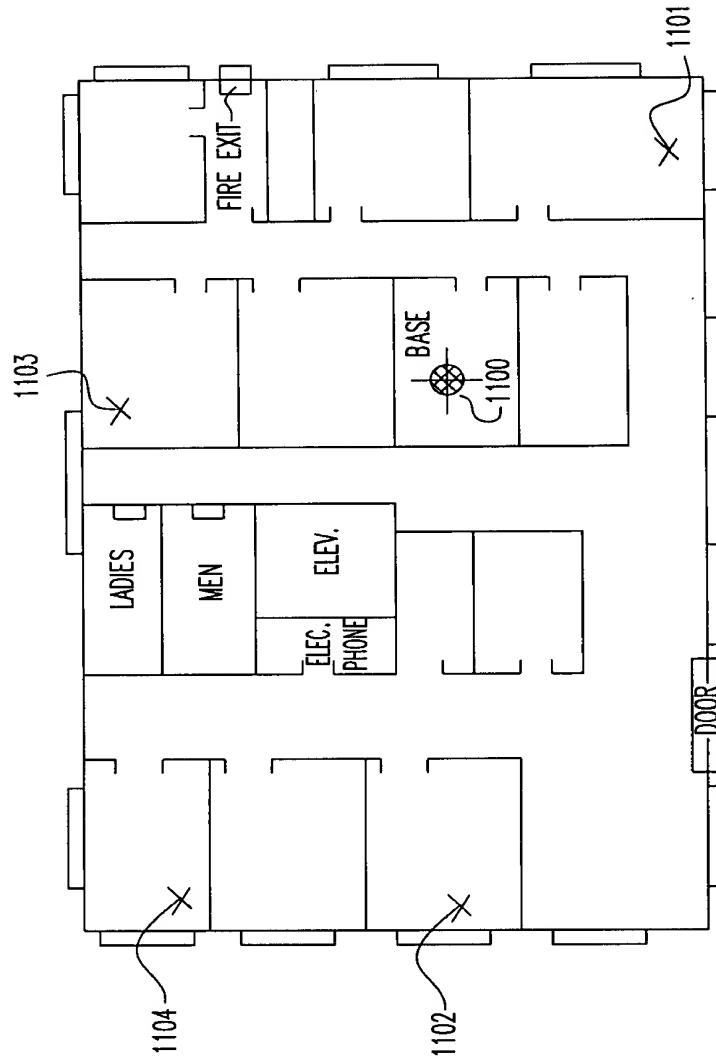
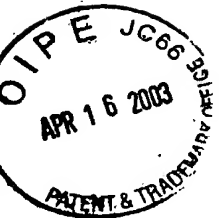


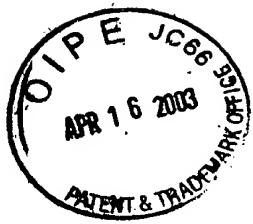
FIG.11



13/22

Antenna Position Mode Prediction Control <input type="checkbox"/>	
CDMA1 AllenTel dB omni PCN 1850-1990 360Deg 6.00 dB Gain	
Watch Points	
1-Floor1, 67.71, 3.83, 1.80 2-Floor1, 54.11, 25.25, 1.80 3-Floor 1, 33.67, 24.34, 1.80 4-Floor1, 33.46, 8.05, 1.80	
Add Watch Point	Remove Watch Point
Floor <input type="text" value="1"/> <input type="button" value="v"/>	
Mobile Receiver Parameters	
Predict	
<input checked="" type="radio"/> RSSI	<input type="radio"/> SIR <input type="radio"/> SNR
Antenna Positioning Options	
<input checked="" type="radio"/> Left Click on Location	<input type="radio"/> Track Mouse Movement
OK	Cancel

FIG.12



14/22

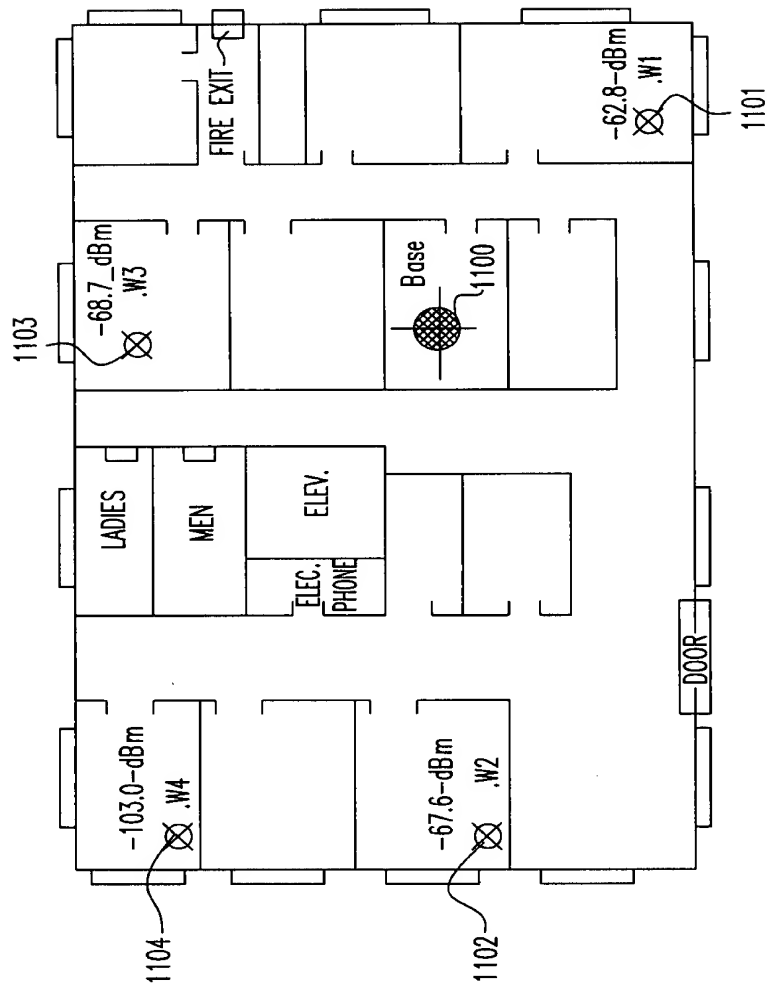
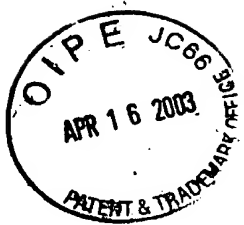


FIG.13



15/22

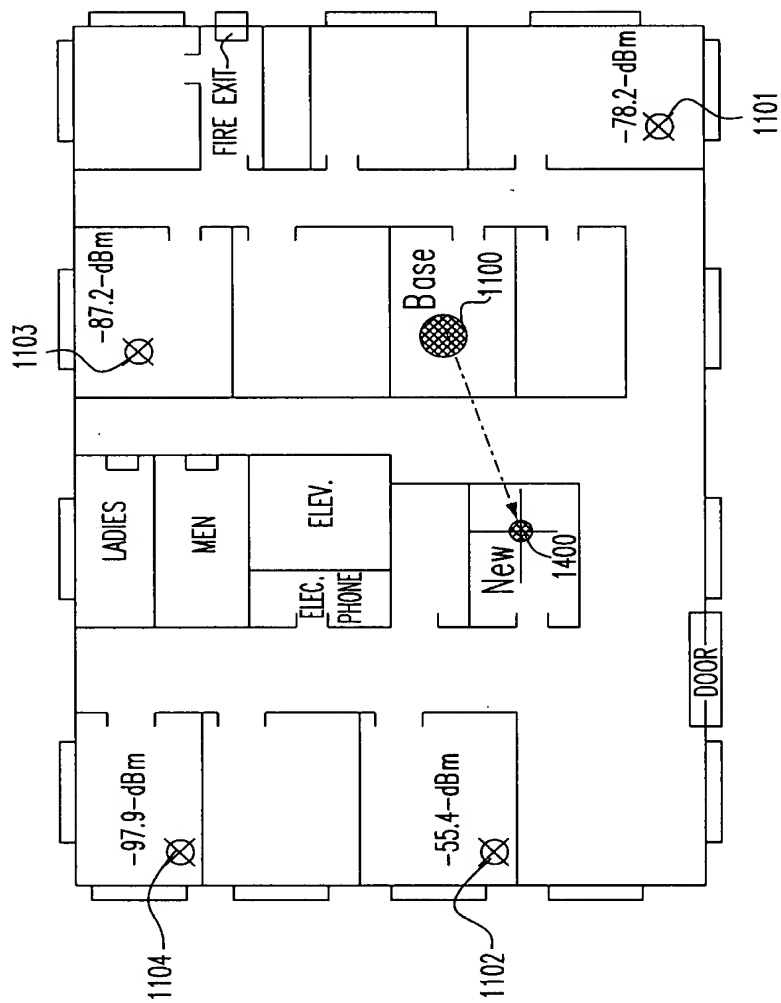


FIG.14

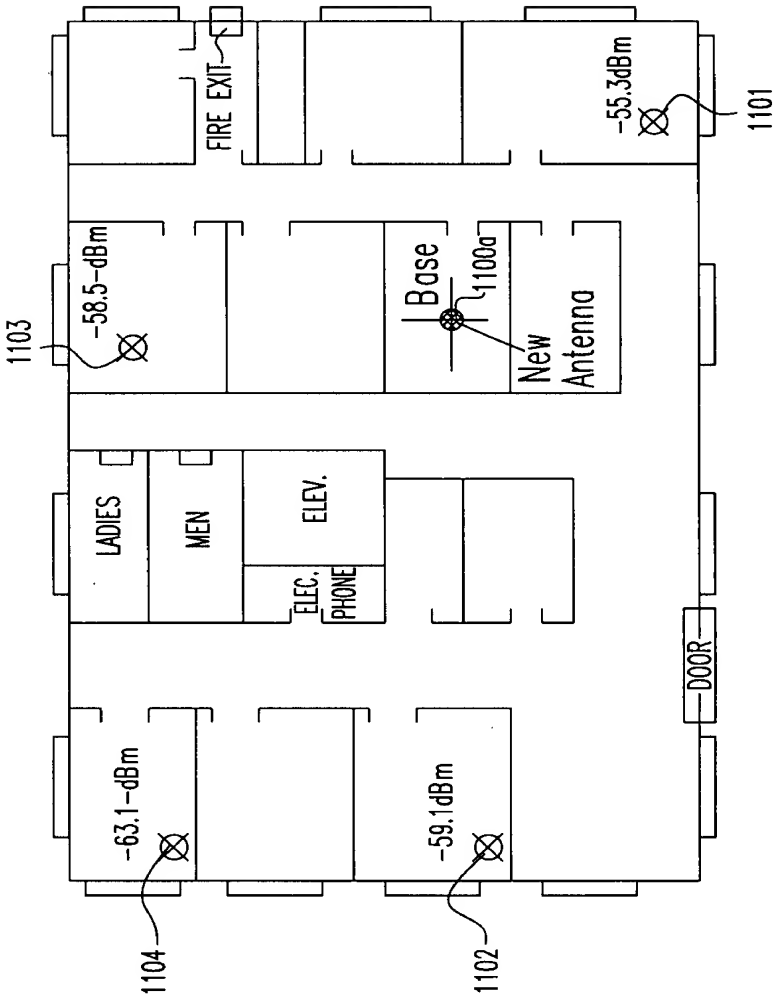
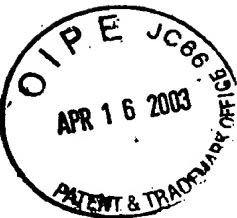
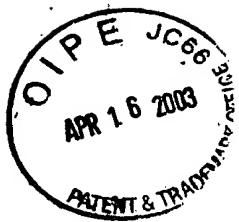


FIG.15



17/22

Bill of Materials for Current Drawing	
	SUBTOTAL (excluding base station CDMA1): \$0.00
1610 {	BASE STATION: MACROCELL
	DESCRIPTION: CDMA MACROCELL
	FLOOR1
	POSITION: 84.3, 44.0, 1.8
	CHANNEL SET: MACROCELL: IS-95A CDMA Default
	SUBCHANNEL SET: Default Channel Set
	TXPOWER: 10.00 dBm
	RF Bandwidth: 1.25 MHz
	RECEIVER NOISE FIGURE: 0.00 dB
	CHANNELS ASSIGNED TO BASE STATION
	1
1611 {	--NAME: AllenTel PCN PANEL 1710-1990 92 Deg 9.00 dB Gain
	TYPE: ANTENNA_POINT
	MANUFACTURER: Allen Telecom
	PART NUMBER: DB972 1850
	FREQUENCY: 1710-1990 MHz
	PATTERN FILE: 972_185.ant
	FLOOR1
	POSITION: 84.3, 44.0, 1.8
	COST: \$0.00 ~ 1612
	SUBTOTAL (excluding base station MACROCELL): \$0.00 ~ 1613
	TOTAL COST(excluding base stations): \$0.00 ~ 1614
Save to ASCII File ok	

FIG.16



18/22

1611 {

Bill of Materials for Current Drawing

TYPE: ANTENNA_POINT
MANUFACTURER: Allen Telecom
PART NUMBER: DB972 1850
FREQUENCY: 1710-1990 MHz
PATTERN FILE: 972_185.ant
FLOOR1
POSITION 84.3, 44.0, 1.8
COST: \$250.00 ~ 1612a

1720 {

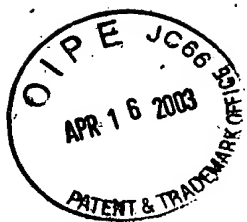
--NAME: 7/8", 50-ohm Foam Dielectric Coaxial Cable"
TYPE: CABLE
MANUFACTURER: Andrew
PART NUMBER: LDF5*
FREQUENCY: 2000MHz
LENGTH: 120.41 m (395.06ft)
LOSS PER 100 m: 6.46 dB
TOTAL LOSS: 7.78 dB
POSITION:
Vertex0: 10.6, 0.8, 1.8
Vertex1: 1.7, 2.8, 1.8
Vertex2: 1.7, 31.0, 1.8
Vertex3: 35.3, 31.0, 1.8
Vertex4: 35.3, 23.5, 1.8
Vertex5: 65.4, 23.6, 1.8
Vertex6: 72.6, 32.0, 1.8
COST: \$85.00 ~ 1721

SUBTOTAL(excluding base station MACROCELL): \$470.00 ~ 1613a

TOTAL COST(excluding base stations): \$470.00 ~ 1614a

Save to ASCII File ok

FIG.17



19/22

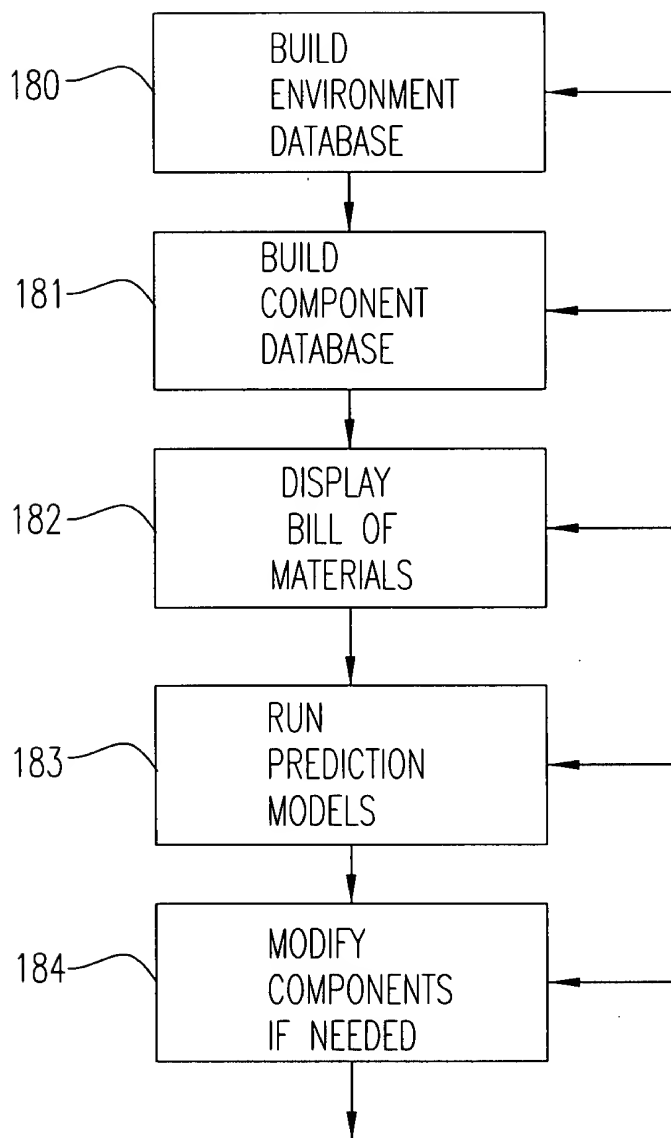


FIG.18

20/22

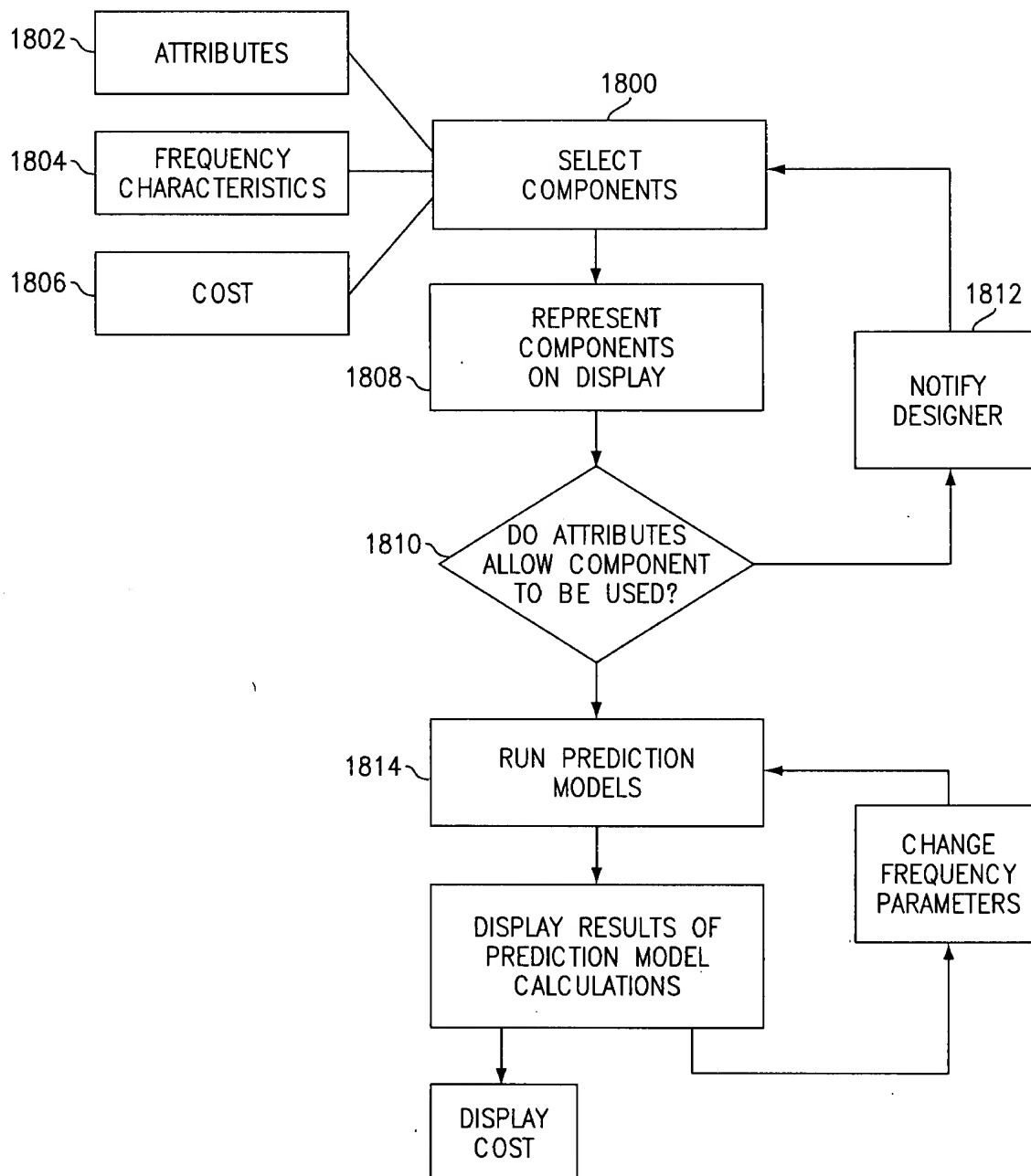


FIG.19



21/22

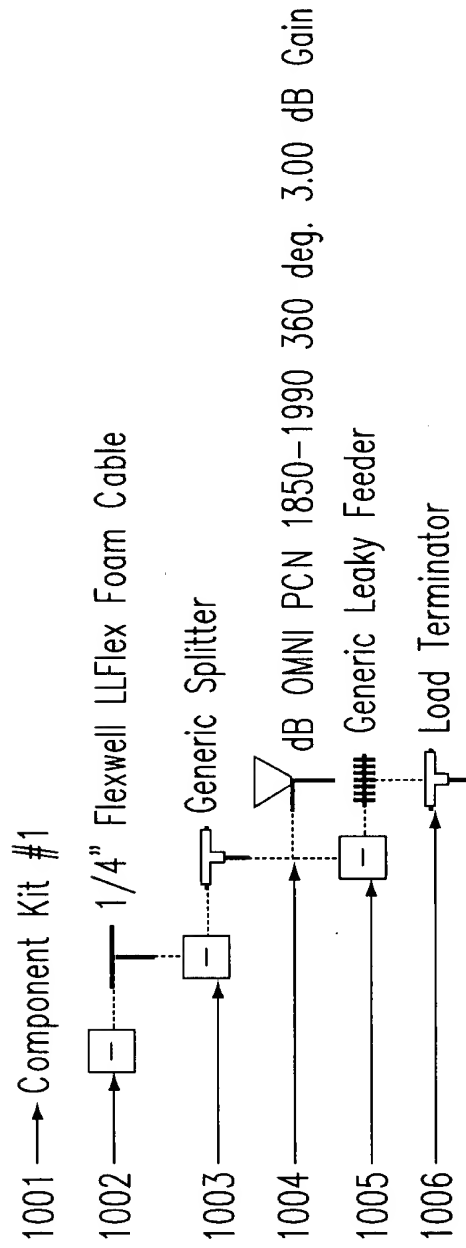
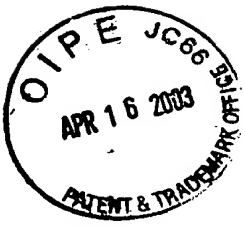


FIG.20



22/22

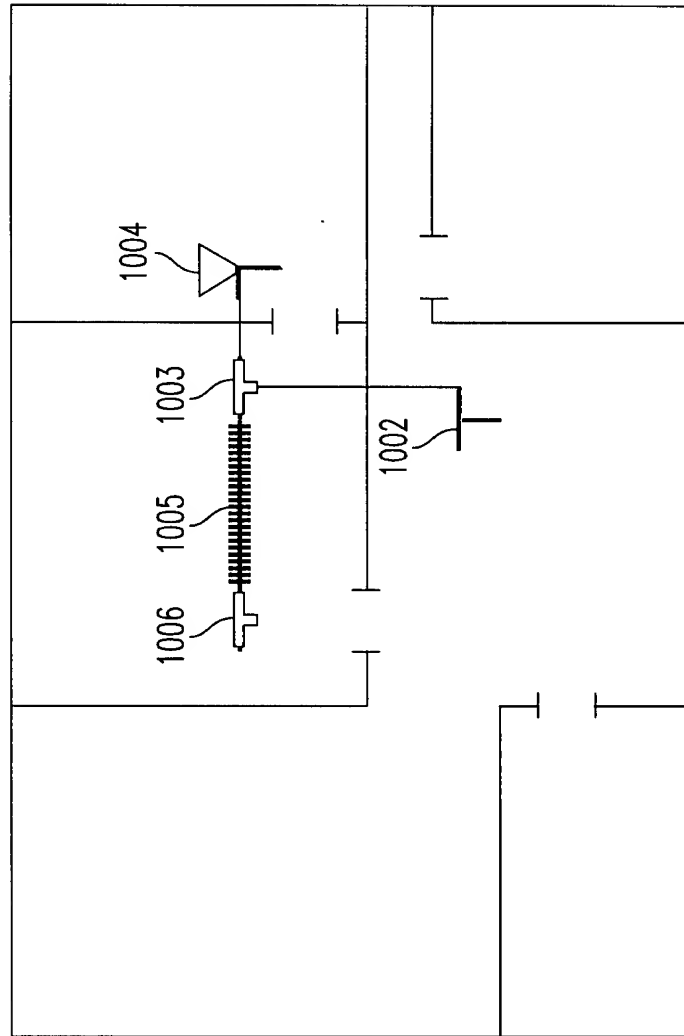


FIG. 21